Original / Duplicate / Triplicate

CONTRACT CERTIFICATE

AEE, YSTSD

No. Ist & Final bill (For Other Works) Dated ..... 20.....

DBR No: 95/9/20

YNK-DBR No. 188
Date: 17.03.2020

Division: Yelahanka Sub Division: Yelahanka Satellite Town Date: 7/3/2020
Bill Received No..... Date..... Book Voucher No..... dated.....
Scheduled Docket No.....

Name of Work: Improvements Roads And Drains At Ambedker Nagara Slum And Kanaka Nagara Slum In Ward No.04

Job Code No: 004-20-000016 P-1878 **Est. cost: 99.00 lakhs**

Name of Contractor and Full Address : Technical Manager (West), KRIDL, Bangalore.

Work Order No: **BBMP/EE/YNK.D/W.O/ 115/2019-20,** **Dated : 31-10-2019** 004-20-000016

Certified that the measurements were taken by me on 28/02/2020 and recorded in pages 10265A to 666 of measurement Book No 1027 and that the work is satisfactorily executed.

Officer-in-charge of work

Contractor

Asst Executive Engineer
Yelahanka Yeshwanthpura Sub Division
KRIDL BBMP Bangalore

Certified that the measurements were taken by me on 28/02/2020 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

ಸಹಾಯಕ ಕಾರ್ಯ ಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪವಿಭಾಗ.
ಜ.ಜ.ಎಂ.ಕ. ಬೆಂಗಳೂರು-106

28/02/2020

If Memorandum of Payment

1) Total value of work done or supplies made as per account within
2) Deduct amount to be held in reserve being ..... percent Rs.....
3) Deduct amount to be held in Balance
4) Deduct Payment :
   a) Amount of previous payment as in the Office Cash Book Voucher No..... Dated..... S D No.....
   Amount adjusted towards cash advance recovery of
   b) Payments cost store or other materials supplied.
   Now made recovery of amount creditable to this/other work
   Amount paid on this bill Cheque/Cash
5) Balance being unpaid value of work done held in reserve
6) Deduct cash advance made on the office Cash Book Voucher No..... date ..... less adjustments
7) Net amount due to or from contractor

Unadjusted items

8) Advance to contractor for materials brought to site (as detailed) within value of Governm[illegible] materials supplied

Gross Amt	=Rs	9802546-00
PSD	=Rs	490128-00
CCST	= Rs	87523-00
SCST	= Rs	87523-00
IT	= Rs	196050-00
LC	= Rs	98026-00
CESS	= Rs	9803-00
Royalty	= Rs	165971-00
L.P.	= Rs	1135124-00
Net Amt	= Rs	8667422-00

Contractor's Signature

Received Rs..... (in words)
By Cash and by adjustment of Payment as per memorandum.

Asst Executive Engineer
Yelahanka Yeshwanthpura Sub Division
KRIDL BBMP Bangalore

Witnesses :

1.

2.

Dated..... Signature of Contractor

Asst. Executive Engineer
Yelahanka Yeshwanthpura Sub Division
KRIDL BBMP Bangalore

(For use in the Office)

Audited & Admitted for Rs. 9802546-00

8667422/- by Cheque
and Rs. 1135124/- by adjustment

Accts. Supdt.
yelahanka Division
BBMP

Exe. Engineer
yelahanka Division
BBMP

Paid by me by cheque No..... Dated.....

Cash Rs..... Dated.....

Initials of Officer Making Payment

Executive Engineer

Name of Work :Improvements Roads And Drains At Ambedker Nagara Slum And Kanaka Nagara Slum In Ward No.04

ABSTRACT

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
1	KSRRB 300-3. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil invoiving , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete as per specification	Cum	787.44	220.40	173551.78	–	–	781.37	220.40	172213.51	781.37	172213.51
2	Removing And Refixing stone slabs of drains and pointing in C.M (1:3)	Sqm	613.60	111.30	68293.68	–	–	611.06	111.30	68010.42	611.06	68010.42
3	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications.	Cum	321.01	5421.90	1740484.12	–	–	320.82	5421.90	1739451.25	320.82	1739451.25

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
4	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. including cost of materials, labour, HOM complete as per specificationsdo- Wall & bottom thickness 15cm	Cum	80.58	7070.20	569716.72	–	–	80.54	7070.20	569419.77	80.54	569419.77
5	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C workincluding straightening, cutting, bending, hooking, placing in position,lapping and / or welding wherever required, tying with binding wire andanchoring to the adjoining members wherever necessary complete asper design (laps, hooks and wastage shall not be measured and paid)cost of materials, labour, HOM of machinery complete as perspecifications.	Tonne	2.02	72326.98	146028.17	–	–	2.02	72326.98	146026.60	2.02	146026.60
6	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting ,including form work,curing,including cost of alll materials, labour,hire charges of machinery,loading,unloading,lead and	Sqm	212.70	2337.00	497079.90	–	–	212.43	2337.00	496448.91	212.43	496448.91
7	Providing and fixing pre cast solid concrete kerb stones of size 450x200x400 mm made out of CC 1:2:4 and finished with CM 1:3 plastering and finishing cutting ete.,	No's	966.00	477.00	460782.00	–	–	965.00	477.00	460305.00	965.00	460305.00

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
8	KSRB 15-19.1 : Providing and applying ready mix priming coat over concrete / masonry / asbestos cement sheet / plastered surfaces including preparing the surface after throughly cleaning of oil, grease, dirt and other foreign matter, and sand papering including cost of materials, labour, complete as per specifications.	Sqm	174.00	39.22	6824.28	–	–	173.70	39.22	6812.51	173.70	6812.51
9	KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications	Sqm	174.00	84.80	14755.20	–	–	173.70	84.80	14729.76	173.70	14729.76
10	KSRRB M400- Wet Mix Macadam KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications.	Cum	367.95	2001.28	736370.98	–	–	367.51	2001.28	735493.16	367.51	735493.16

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
11	Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 design mix M20/M30 , with 25mm and down size graded granite metal coarse aggregates and fine aggregtes , with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 , mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specifications. - M30 (at 360Kg per cum coarse aggregate @ 0.69cum and fine aggregate @ 0.46cum) (Page No. 175 tem	Cum	546.76	5210.96	2849131.46	–	–	546.70	5210.96	2848828.58	546.70	2848828.58
12	Vaccum de-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery, Screed Vibratory, Power Floater, blade and disc etc., with all lead and lift.	Sqm	3671.60	72.08	264648.93	–	–	3668.47	72.08	264422.96	3668.47	264422.96

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
13	KSRRB M500-6. Providing and applying primer coat with bitumen emulsion on prepared surface of granular base including clearing of road surface and spraying primer at the rate of 0.60 kg I sqm using mechanical means complete as per specifications.	Sqm	970.20	36.04	34966.01	–	–	961.28	36.04	34644.62	961.28	34644.62
14	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete as per specifications.. MORTH Specification No. 507 - using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen.	Cum	38.91	7721.04	300387.06	–	–	38.84	7721.04	299892.91	38.84	299892.91
15	KSRRB 500-2. Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications.	Sqm	970.20	5.30	5142.06	–	–	961.28	5.30	5094.80	961.28	5094.80

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
16	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VGIO) on the prepared black topped surfaces at 2.5 kg per 10sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications.	Sqm	970.20	14.84	14397.77	–	–	961.28	14.84	14265.43	961.28	14265.43
17	KSRRB M500-19. Providing and laying bituminous concrete 40 mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.9 complete in all respects complete as per specifications. MORTH Specification No. 509 using40/60 TPH capacity H.M.P. with Mechanical Paver Gr-II (30 mm to 40 mm) with 5.4 % VG-30 BitumenItem No.21.22.6)	Cum	62.33	8980.32	559725.38	–	–	62.23	8980.32	558831.84	62.23	558831.84

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
18	KSRRB M800-13: Road marking with hot applied thermoplastic compound with reflect rising glass beads on bituminous surface- providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface to level, uniform and free from streaks and holes complete as per specifications.	Sqm	35.10	454.74	15961.37			34.26	454.74	15579.39	34.26	15579.39
	Total				**8458246.87**					**8450471.42**		**8450471.42**
	GST Charges 12%				**1014989.62**					**1014056.57**		**1014056.57**
	KRIDL Charges 4%				**338329.87**					**338018.86**		**338018.86**
	Grand Total				**9811566.36**					**9802546.85**		**9802546.85**

CERTIFICATE

1 Certified that the work done is satisfactorily.

2 There is no departmental issues by BBMP

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Newzen Consultants Bangalore

PMC

Newzen Consultants Bangalore

Ramaseshareddy

Assistant Engineer

Ward no -04

Asst. Executive Engineer,

Yelahanka Satellite town Sub division,

Bangalore-64